# JOURNAL

of the

New England Water Works Association

VOLUME LXXXVIII

1974

Published by

THE NEW ENGLAND WATER WORKS ASSOCIATION

727 Statler Office Bldg., Boston, Mass. 02116

The four numbers comprising this volume
have been separately copyrighted in 1974-1975
by the New England Water Works Association

# AUTHOR INDEX

Ahlgren, Clarence L., Is a Good Day's Work a Thing of the Past? — Panel Discussion, 272, Sept.

Bradford, P. D., Is a Good Day's Work a Thing of the Past? — Panel Discussion, 278, Sept.

Burdan, Paul, Is a Good Day's Work a Thing of the Past? — Panel Discussion, 265, Sept.

Camougis, George, Primary Productivity in the Oligotrophic Waters of Quabbin Reservior, 253, Sept.

Dupuis, Sylvio L., Utility Coordinating for Municipalities, 188, June.

Eaton, Bruce P., Have You Placed an Order Lately? — Panel Discussion, 202, June.

Erickson, David M., Have You Placed an Order Lately? — Panel Discussion, 208, June.

Erickson, Paul A., Primary Productivity in the Oligotrophic Waters of Quabbin Reservoir, 253, Sept.

Feibelman, J. Richard, Have You Placed an Order Lately? — Panel Discussion, 199, June.

Gammon, Alexander, Design of Filtration for Rockville, Connecticut, 19, Mar.

Gilmore, Glenn, The Influence of the Permit Program on Water Treatment Plant Operation, 353, Dec.

Hodgson, Kenneth O., Review of Precast Prestressed Concrete Water Storage Reservoirs, 58, Mar.

Jackson, Joseph C., Asbestos in Drinking Water, 342, Dec.

Johnson, Myles F., Experiences of a Disaster — The 1973 Chelsea Fire, 248, Sept.

Knowlton, Thomas W., Experiences with the Use of Catonic Polyelectrolytes as Prime Coagulants, 219, Sept.

Lash, Albert L. Jr., Have You Placed an Order Lately? — Panel Discussion, 200, June.

MacKenzie, William Neal, Inspection of New Treament Facilities — The Rockville Water and Aqueduct Company, 1, Mar.

Matera, James J., Is a Good Day's Work a Thing of the Past? — Panel Discussion, 262, Sept.

McCarthy, James J., Have You Placed an Order Lately? — Panel Discussion, 206, June.

McQueen, James R., Startup and Operation of the Rockville Water Treatment Plant, 25, Mar.

McTernan, Myles H., Is a Good Day's Work a Thing of the Past? — Panel Discussion, 263, Sept.

Morin, Robert A., Factors in Determining Water Rates Not Subject to Public Utilities Commission Approval, 360, Dec.

Pyper, Gordon Richardson, Environmental Technology at Norwich University, 32, Mar.

Reilly, J. Kevin, Experiences with the Use of Catonic Polyelectrolytes as Prime Coagulants, 219, Sept.

Rosen, Harvey M., Generation and Application of Ozone in Water Treatment Facilities, 168, June.

Sargent, Harold E., Asbestos in Drinking Water, 44, Mar.

Sinnott, Joseph A., The Cape Cod Water Program — A Current Analysis, 238, Sept.

Tattersall, F., Three Unusual Service Reservoirs, 281, Sept.

Taylor, Floyd B., Asbestos and Health, 335, Dec.

White, Leonard H., Have You Placed an Order Lately? — Panel Discussion, 197, June.

# SUBJECT INDEX

Asbestos and Health. By Floyd B. Taylor. 335, Dec.

Asbestos in Drinking Water. By Joseph C. Jackson, 342, Dec.

Asbestos in Drinking Water. By Harold E. Sargent, 44, Mar.

Book Review: Civil Engineering Classics — Outstanding Papers of Thomas R. Camp. 114, Mar.
Handbook on the Principles of Hydrology — Water Information Center. 115, Mar.
Water Atlas of the United States — Water Information Center. 116, Mar.
Road Salt, Drinking Water and Safety. By Robert C. Terry. 331, Sept.
Water Chemistry of Water Supply Treatment and Distribution. Edited by Alan J. Rubin. 331, Sept.
pH and pION Control in Process and Waste Streams. By F. G. Shenskey. 332, Sept.
Modelling the Entrophication Process, Edited by E. Joe Middlebrooks. 333, Sept.

Cape Cod Water Program, The — A Current Analysis. By Joseph A. Linnot. 238, Sept.

Chelsea Fire, The 1973 — Experiences of a Disaster. By Myles F. Johnson. 248, Sept.

Coagulants, Experience with the Use of Cationic Polyelectrolytes as Prime. By Thomas W. Knowlton and J. Kevin Reilly. 219, Sept.

Design of Filtration for Rockville, Connecticut. By Alexander Gammon. 19, Mar.

Environmental Technology at Norwich University. By Gordon Richardson Pyper, 32, Mar.

Experiences of a Disaster — The 1973 Chelsea Fire. By Myles F. Johnson. 248, Sept.

Experiences with the Use of Cationic Polyelectrolytes as Prime

Coagulants. By Thomas W. Knowlton and J. Kevin Reilly. 219, Sept.

Factors in Determining Water Rates Not Subject to Public Utilities Commission Approval. By Robert A. Morin. 360, Dec.

Filtration for Rockville, Connecticut, Design of. By Alexander Gammon. 19, Mar.

Generation and Application of Ozone in Water Treatment Facilities. By Harvey M. Rosen. 168, June.

Have You Placed an Order Lately? — Panel Discussion. By Leonard H. White, J. Richard Fisbelman, Albert L. Lask, Jr., Bruce P. Eaton, James J. McCarthy and David M. Erickson. 197, June.

Health, Asbestos and. By Floyd B. Taylor. 335, Dec.

History of the New England Water Works Association 1877-1974. 119, June.

Influence of the Permit Program on Water Treatment Plant Operation, The. By Glenn Gilmore. 353, Dec.

Inspection of New Treatment Facilities — The Rockville Water and Aqueduct Company. By William Neal MacKenzie. 1, Mar.

Is a Good Day's Work a Thing of the Past? — Panel Discussion. By James J. Matera, Myles H. McTernan, Paul Burdan, Clarence L. Ahlgren and P. D. Bradford. 262, Sept.

Memoirs:
Joseph Carlton Knox. 323, Sept.

Municipalities, Utility Coordinating for. By Sylvio L. Dupuis. 188, June.

New England Water Works Association
Administrative Reports
Committee on Committees, 398, Dec.
Committee on Library, 406, Dec.
Committee on Membership, 397, Dec.

Committee on Scholarship Awards, 373, Dec.
Editor, 391, Dec.
Finance Committee, 394, Dec.
Secretary, 381, Dec.
Treasurer, 386, Dec.
Award of Merit, 370, Dec.
Dexter Brackett Memorial Award, 368, Dec.
Election of Officers, 379, Dec.
Past Presidents' Award, 369, Dec.
Presidential Address, 374, Dec.
Scholarship Awards, 373, Dec.

Proceedings

November, 1973. 213, June.
December, 1973. 214, June.
January, 1974. 216, June.
February, 1974. 326, Sept.
March, 1974. 327, Sept.
April, 1974. 328, Sept.
May, 1974. 330, Sept.
Annual Conference, 1973, 365, Dec.

Report of Technical Committees (1973)

Report of Committee on Reciprocal Relations with the Institution of Water Engineers (England) . 64, Mar.
Report of Committee on Water Quality and Treatment. 64, Mar.
Report of Committee on Specifications for Cast Iron Pipe and Fittings. 92, Mar.
Report on Committee on Reinforced Concrete Pressure Pipe. 92, Mar.
Report of Committee on Specifications for Steel Pipe. 93, Mar.
Report of Committee on Steel Standpipes and Elevated Tanks. 94, Mar.
Report of Committee on Gate Valves. 95, Mar.
Report of Committee on Deep Well Vertical Pumps. 95, Mar.

Report of Committee on Recreational Use of Sources of Public Water Supply. 96, Mar.
Report of Committee on Water Rates for Investor Owned Companies. 98, Mar.
Report of Committee on Education and Certification of Water Works Personnel. 112, Mar.
Report of Committee on Grooved and Shoulder Type Joint and Fittings. 113, Mar.

Reports of Technical Committees (1974)
Committee on Legislation, 408, Dec.
Committees of New England Water Works Association (1974-1975). 414, Dec.

Norwich University, Environmental Technology at. By Gordon Richardson Pyper. 32, Mar.

Order Lately? Have You Placed an — Panel Discussion. By Leonard H. White, J. Richard Fisbelman, Albert L. Lash, Jr., Bruce P. Eaton, James J. McCarthy and David M. Erickson. 197, June.

Ozone in Water Treatment Facilities, Generation and Application of. By Harry M. Rosen. 168, June.

Permit Program on Water Treatment Plant Operation, The Influence of the. By Glen Gilmore. , Dec.

Polyelectrolytes as Prime Coagulants, Experiences with the Use of Cationic. By Thomas W. Knowlton and J. Kevin Reilly. 219, Sept.

Primary Productivity in the Oligothrophic Waters of Quabbin Reservoir. By Paul A. Erickson and George Camougis. 253, Sept.

Prestressed Concrete Water Storage Reservoirs, Review of Precast. By Kenneth O. Hodgson. 58, Mar.

Quabbin Reservoir, Primary Productivity in the Oligothrophic Waters of. By Paul A. Erickson and George Camougis. 253, Sept.

Reservoirs, Three Unusual Service. By F. Tattersall. 281, Sept.

Reservoirs, Review of Precast Prestressed Concrete Water Storage. By Kenneth O. Hodgson. 58, Mar.

Review of Precast Prestressed Concerete Water Storage Reservoirs. By Kenneth O. Hodgson. 58 Mar.

Rockville Water and Aqueduct Company, The — Inspection of New Treatment Facilities. By William Neal MacKenzie. 1, Mar.

Rockville Water Treatment Plant, Startup and Operation of the. By James R. McQueen. 25, Mar.

Startup and Operation of the Rockville Water Treatment Plant. By James R. McQueen. 25, Mar.

Treatment Facilities, Generation and Application of Ozone in Water. By Harry M. Rosen. 168, June.

Treatment Facilities, Inspection of — The Rockville Water and Aqueduct Company. By William Neal MacKenzie. 1, Mar.

Three Unusual Service Reservoirs. By F. Tattersall. 281, Sept.

Utility Coordinating for Municipalities. By Sylvio L. Dupuis. 188, June.

Water, Asbestos in Drinking. By Joseph C. Jackson. 342, Dec.

Water, Asbestos in Drinking. By Harold E. Sargent. 44, Mar.

Water Program, The Cape Cod — A Current Analysis. By Joseph A. Sinnot. 238, Sept.

Water Rates Not Subject to Public Utilities Commission Approval, Factors in Determining. By Robert A. Morin, 360, Dec.

Water Treatment Plant Operation, The Influence of the Permit Program on. By Glenn Gilmore. 353, Dec.

Work a Thing of the Past? Is a Good Day's — Panel Discussion. By James J. Matera, Myles H. McTernan, Paul Burdan, Clarence L. Ahlgren and P. D. Bradford. 262. Sept.